

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024264.D
 Acq On : 14 Mar 2023 04:33
 Operator : CG/JU
 Sample : 01849-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-22.0-030823

Quant Time: Mar 14 05:02:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 03:11:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

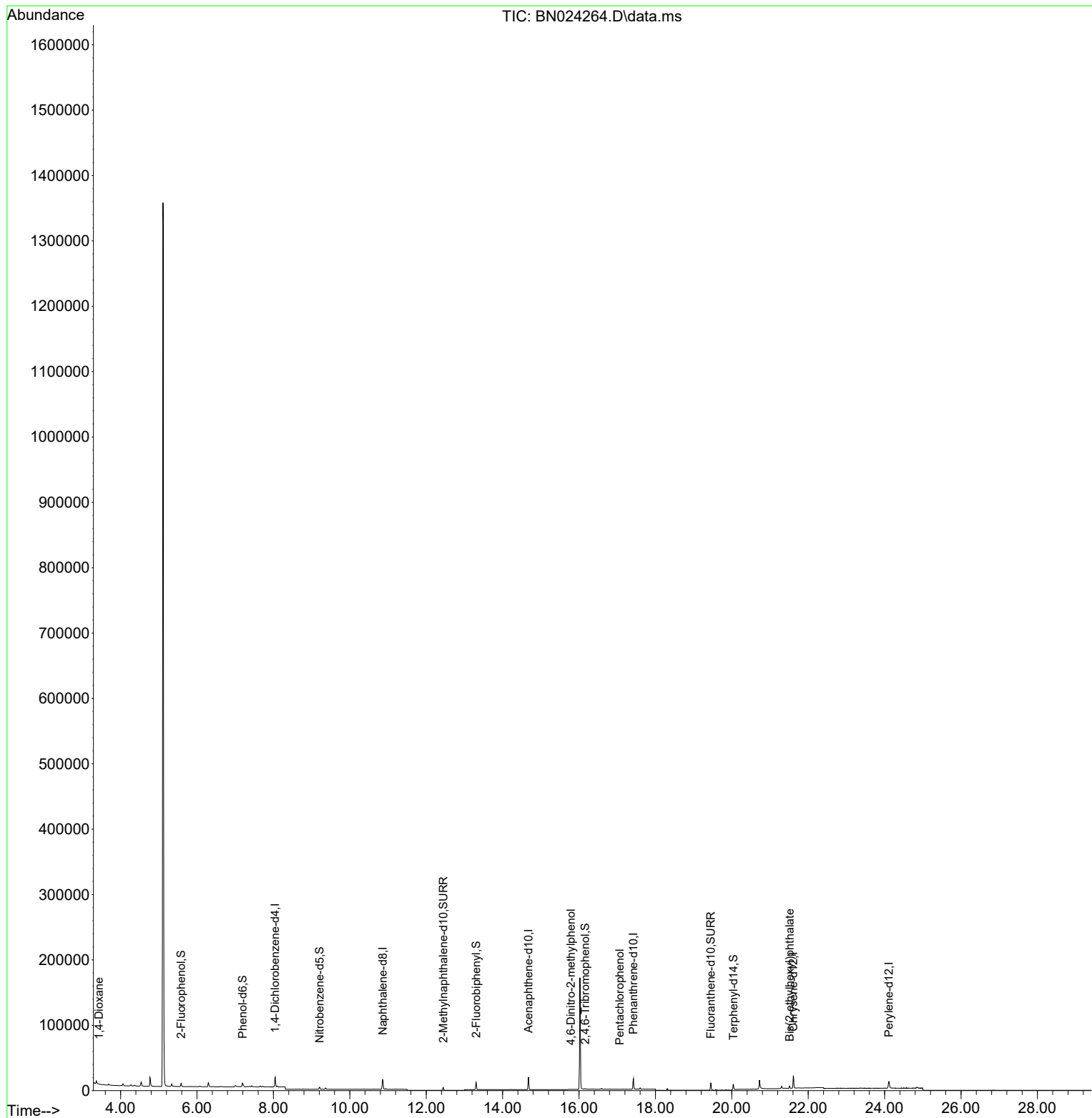
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7116	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	20564	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	10234	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	21172	0.400	ng	0.00
29) Chrysene-d12	21.610	240	18169	0.400	ng	# 0.00
35) Perylene-d12	24.111	264	16516	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3991	0.253	ng	0.00
5) Phenol-d6	7.195	99	5219	0.258	ng	0.00
8) Nitrobenzene-d5	9.211	82	2464	0.179	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	6023	0.238	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	440	0.084	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	8923	0.231	ng	0.00
27) Fluoranthene-d10	19.450	212	11332	0.252	ng	0.00
31) Terphenyl-d14	20.043	244	6468	0.211	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	298	0.038	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.787	198	6	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	23	0.131	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.511	149	3102	0.109	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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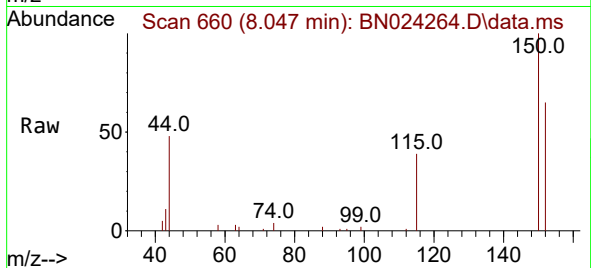
Quant Time: Mar 14 05:02:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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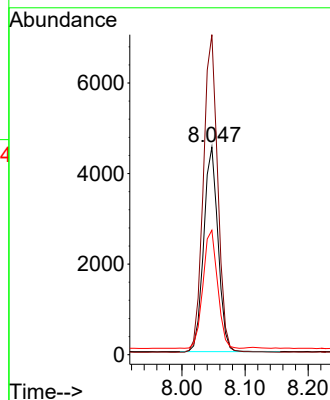
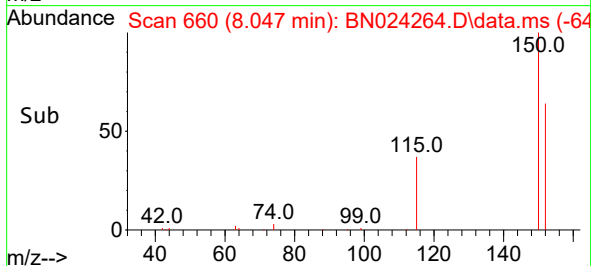


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN024264.D
 Acq: 14 Mar 2023 04:33

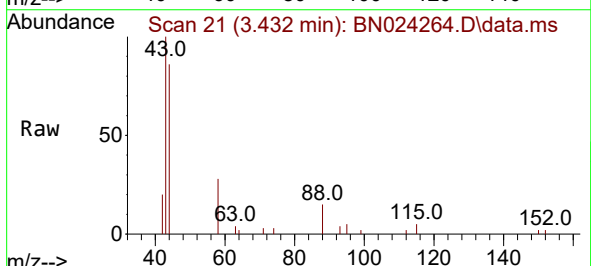
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-22.0-030823



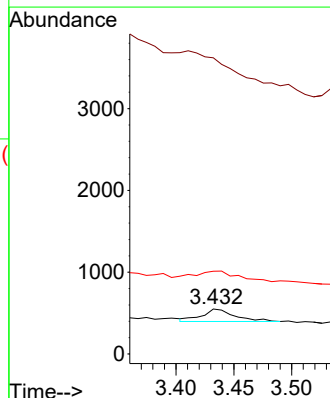
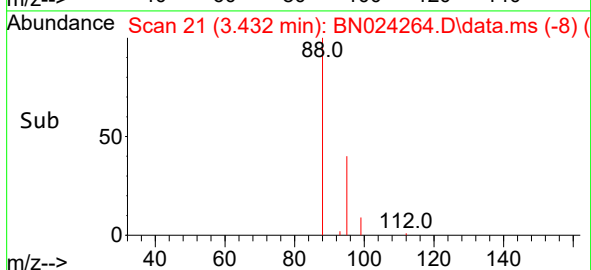
Tgt Ion:152 Resp: 7116
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.7 187.1
 115 60.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024264.D
 Acq: 14 Mar 2023 04:33



Tgt Ion: 88 Resp: 298
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 110.1 67.3 100.9#

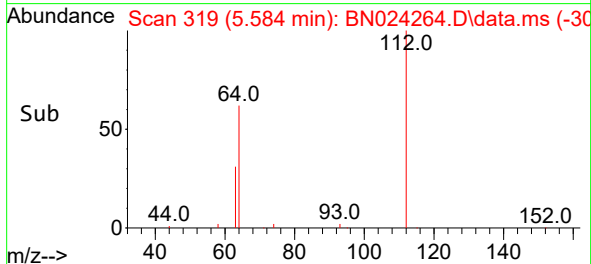
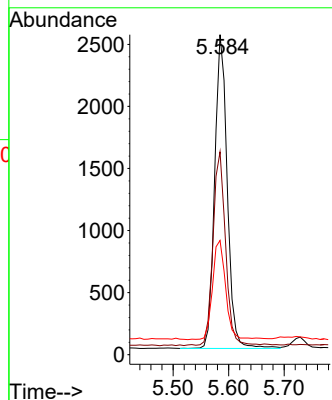
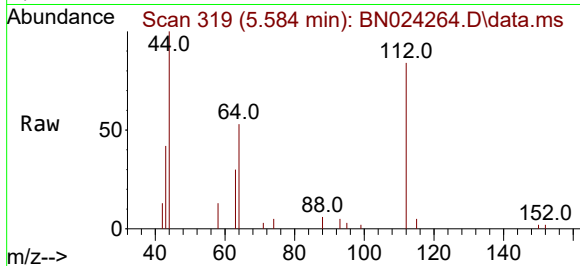




#4
2-Fluorophenol
Concen: 0.253 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

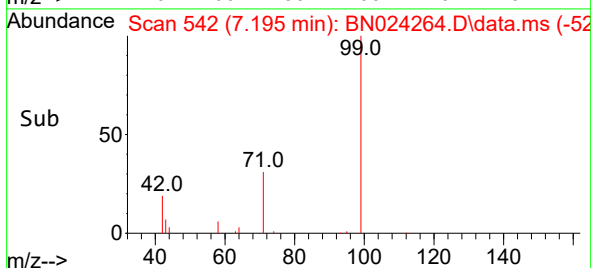
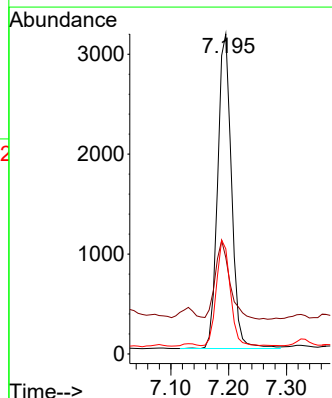
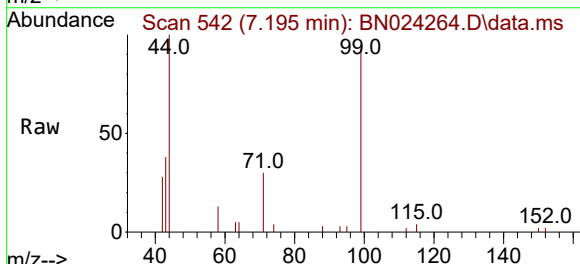
Instrument :
BNA_N
ClientSampleId :
CB-10-22.0-030823

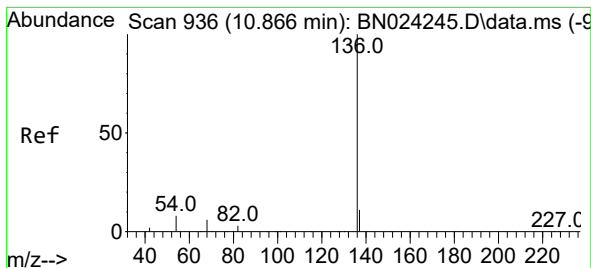
Tgt Ion:112 Resp: 3991
Ion Ratio Lower Upper
112 100
64 61.8 49.0 73.6
63 32.8 25.7 38.5



#5
Phenol-d6
Concen: 0.258 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Tgt Ion: 99 Resp: 5219
Ion Ratio Lower Upper
99 100
42 26.3 20.1 30.1
71 33.6 25.8 38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.866 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN024264.D

Acq: 14 Mar 2023 04:33

Instrument :

BNA_N

ClientSampleId :

CB-10-22.0-030823

Tgt Ion:136 Resp: 20564

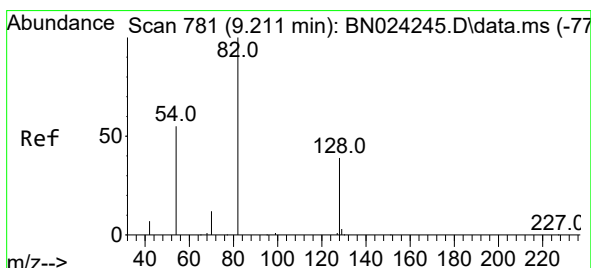
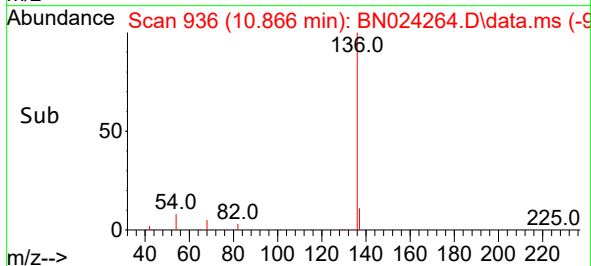
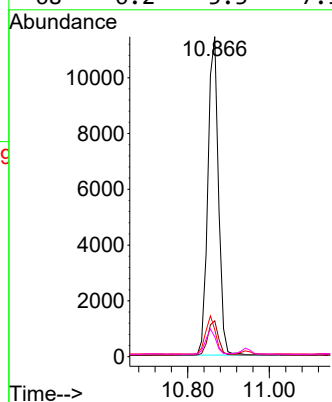
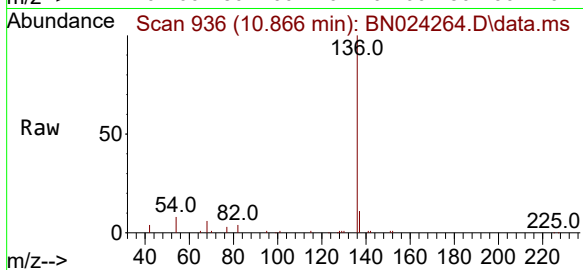
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 7.1 10.7

68 6.2 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.179 ng

RT: 9.211 min Scan# 781

Delta R.T. 0.000 min

Lab File: BN024264.D

Acq: 14 Mar 2023 04:33

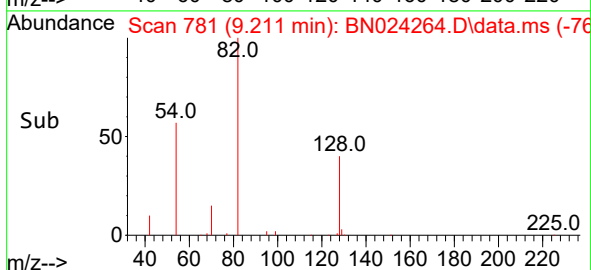
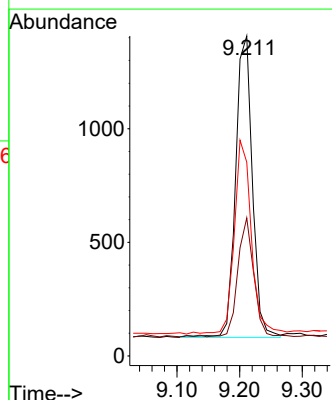
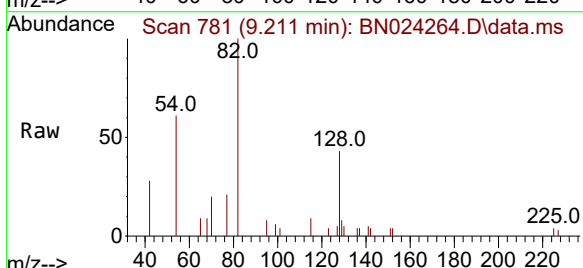
Tgt Ion: 82 Resp: 2464

Ion Ratio Lower Upper

82 100

128 43.2 32.4 48.6

54 60.6 45.2 67.8

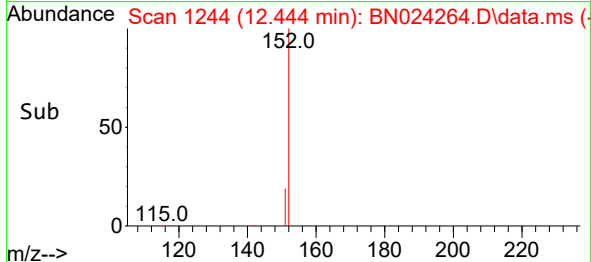
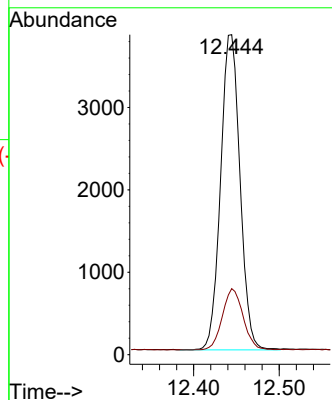
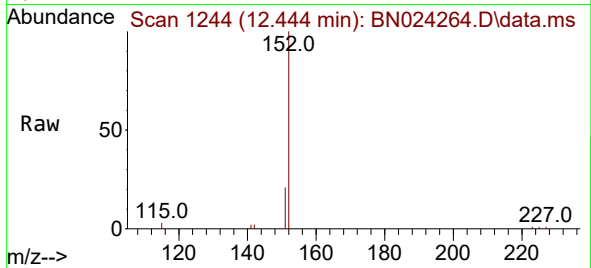




#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

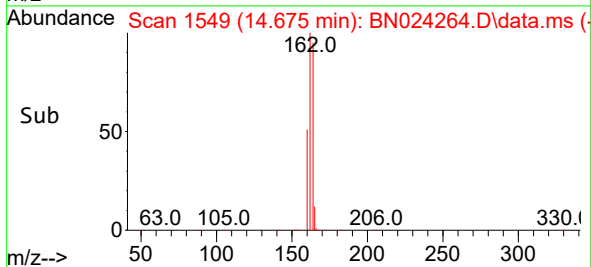
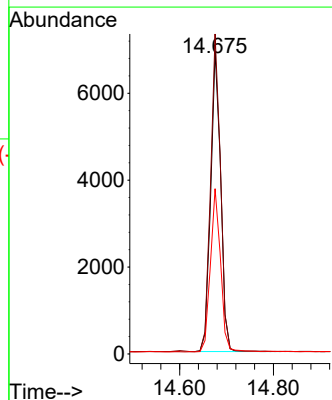
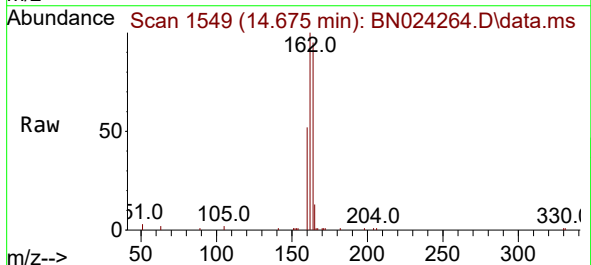
Instrument :
BNA_N
ClientSampleId :
CB-10-22.0-030823

Tgt Ion:152 Resp: 6023
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Tgt Ion:164 Resp: 10234
Ion Ratio Lower Upper
164 100
162 105.6 84.7 127.1
160 54.5 44.6 66.8

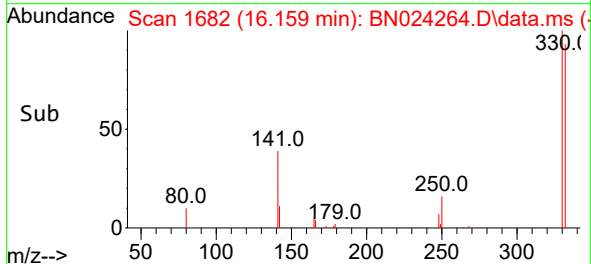
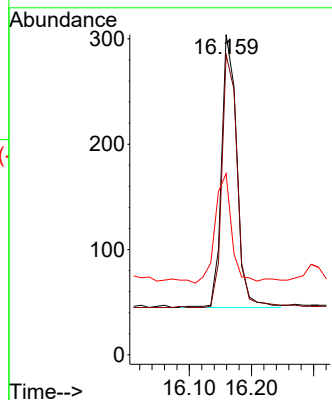
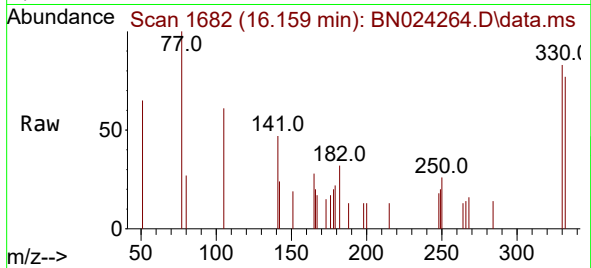




#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

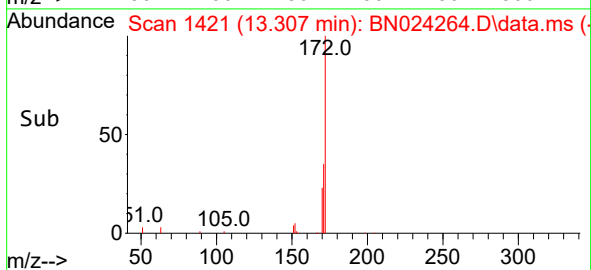
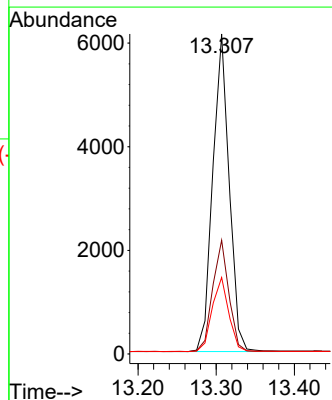
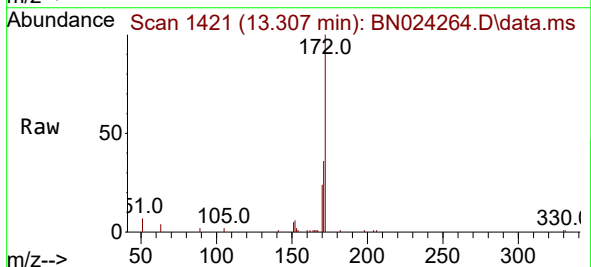
Instrument :
BNA_N
ClientSampleId :
CB-10-22.0-030823

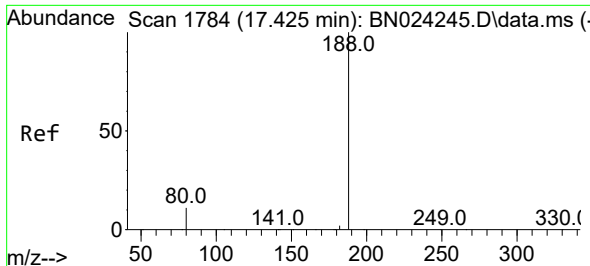
Tgt Ion: 330 Resp: 440
Ion Ratio Lower Upper
330 100
332 93.9 78.0 117.0
141 43.4 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Tgt Ion: 172 Resp: 8923
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.9 19.0 28.6

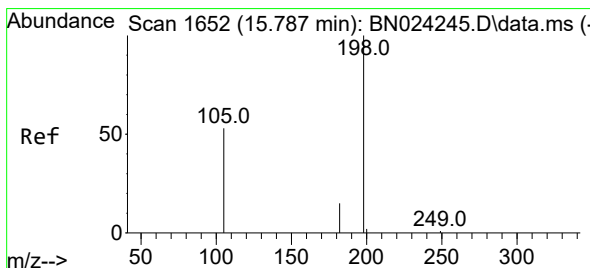
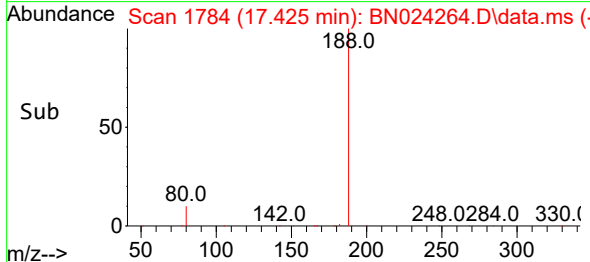
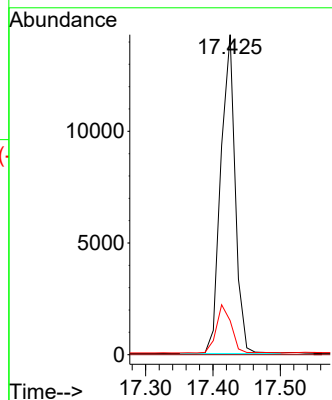
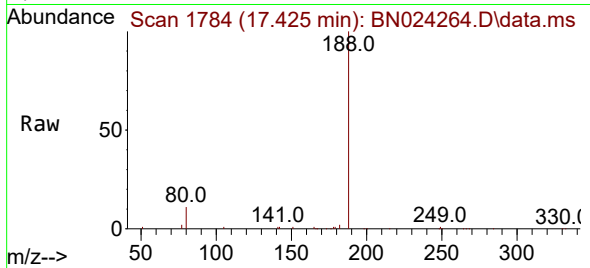




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

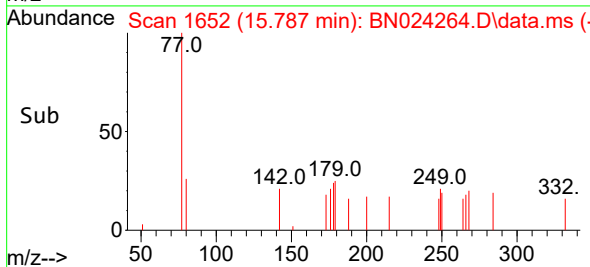
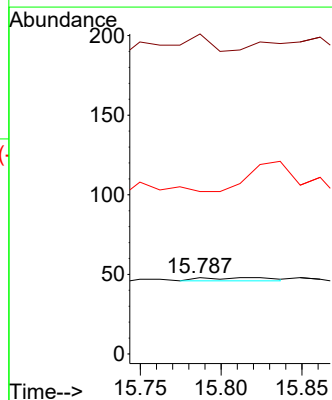
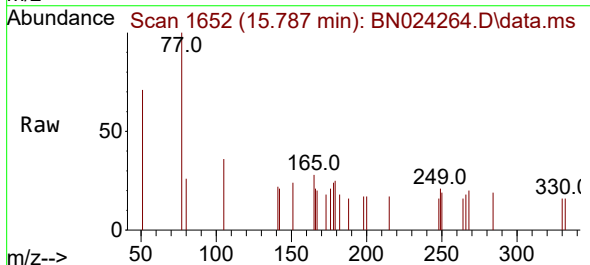
Instrument :
BNA_N
ClientSampleId :
CB-10-22.0-030823

Tgt Ion:188 Resp: 21172
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.787 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 418.8 68.2 102.2#
105 212.5 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024264.D

Acq: 14 Mar 2023 04:33

Instrument :

BNA_N

ClientSampleId :

CB-10-22.0-030823

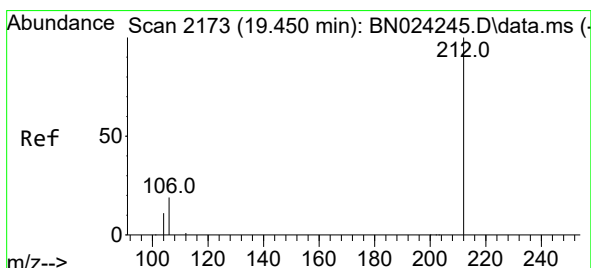
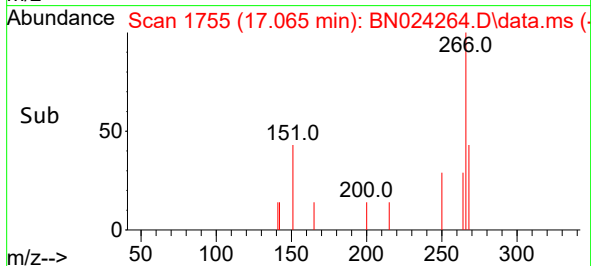
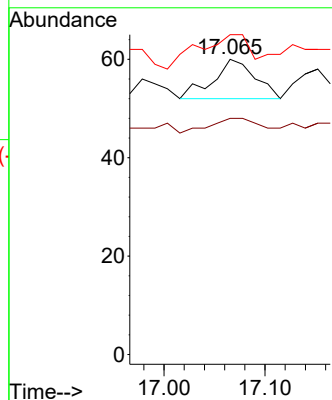
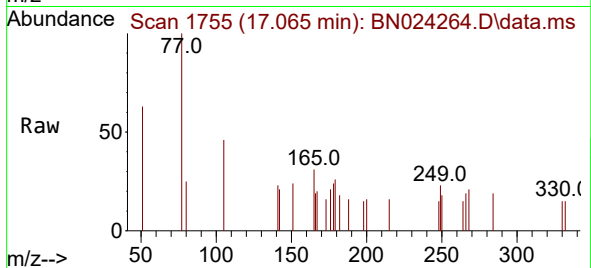
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 43.5 51.1 76.7#

268 117.4 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.252 ng

RT: 19.450 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN024264.D

Acq: 14 Mar 2023 04:33

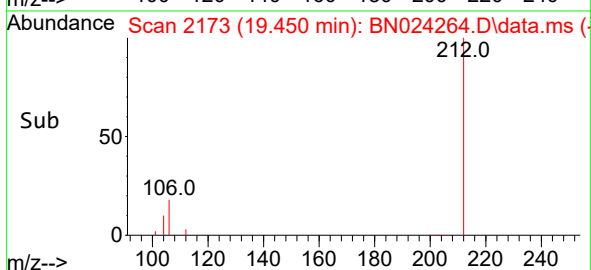
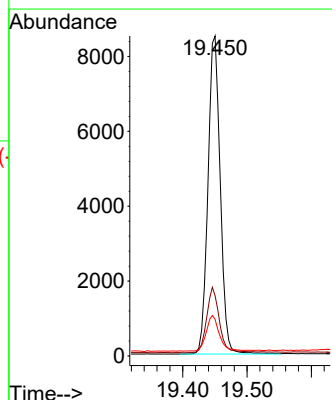
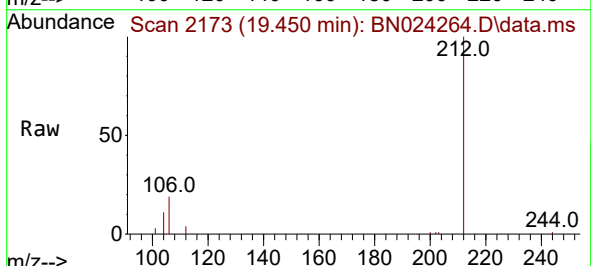
Tgt Ion:212 Resp: 11332

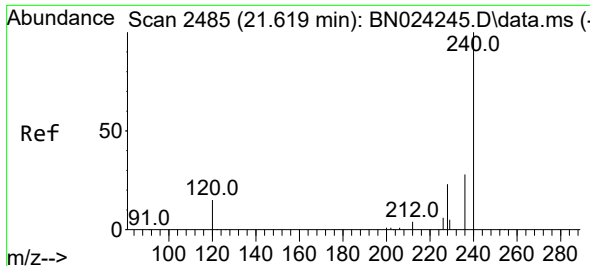
Ion Ratio Lower Upper

212 100

106 21.2 15.4 23.2

104 11.9 8.6 13.0

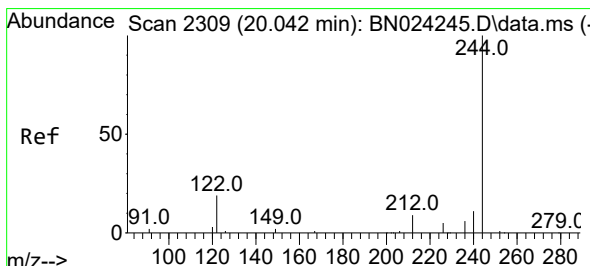
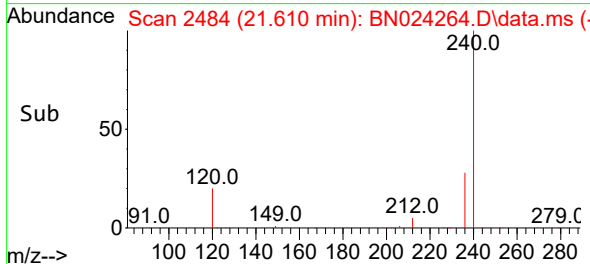
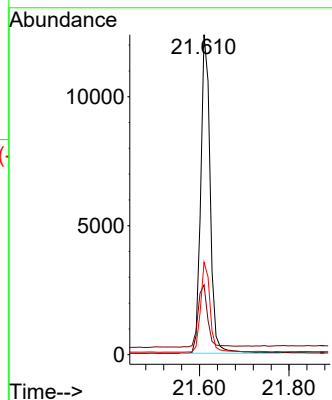
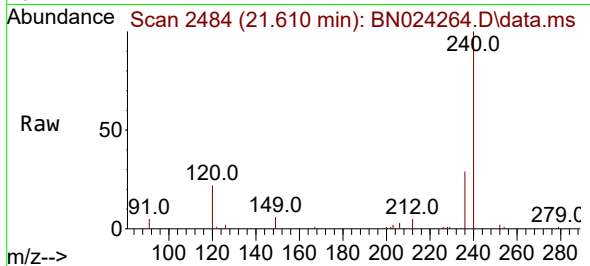




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

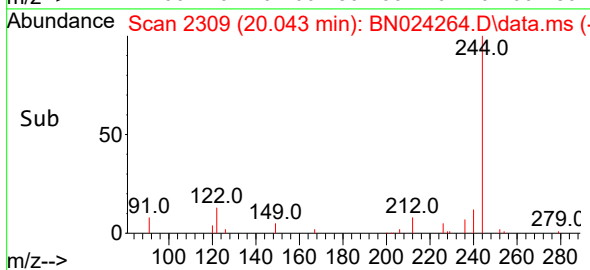
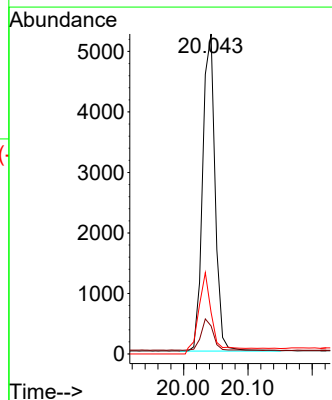
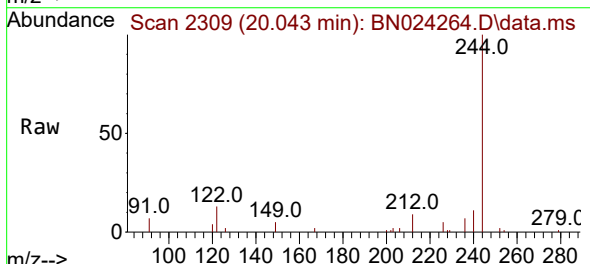
Instrument :
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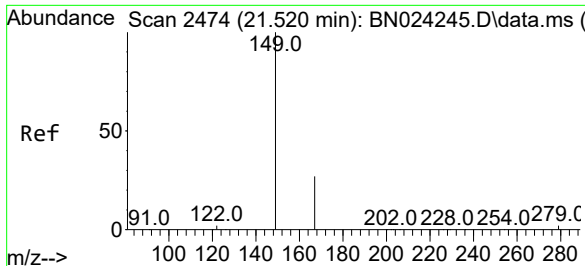
Tgt Ion:240 Resp: 18169
Ion Ratio Lower Upper
240 100
120 21.8 12.8 19.2#
236 28.9 22.5 33.7



#31
Terphenyl-d14
Concen: 0.211 ng
RT: 20.043 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Tgt Ion:244 Resp: 6468
Ion Ratio Lower Upper
244 100
212 8.8 7.6 11.4
122 13.0 15.1 22.7#

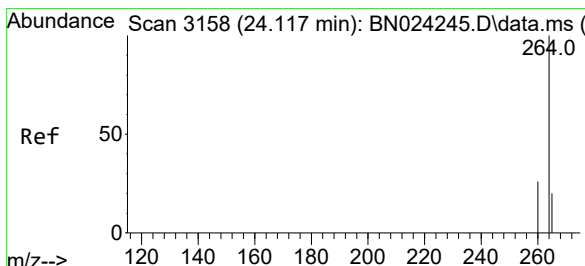
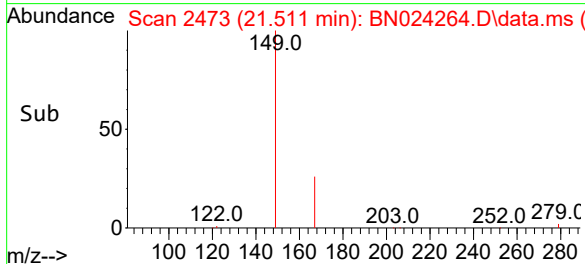
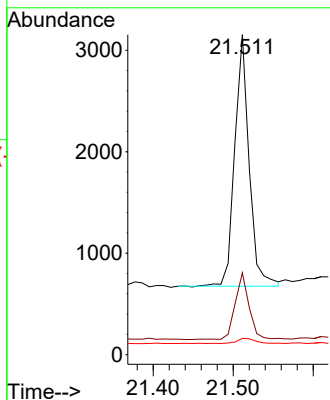
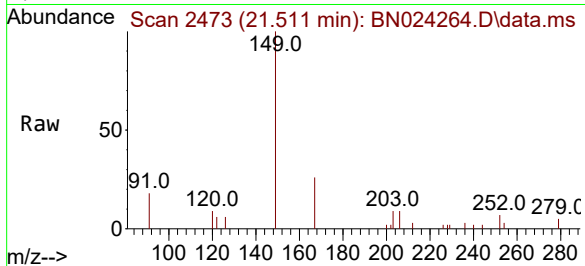




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.511 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Instrument :
BNA_N
ClientSampleId :
CB-10-22.0-030823

Tgt Ion:149 Resp: 3102
Ion Ratio Lower Upper
149 100
167 25.7 21.2 31.8
279 2.6 1.8 2.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.111 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BN024264.D
Acq: 14 Mar 2023 04:33

Tgt Ion:264 Resp: 16516
Ion Ratio Lower Upper
264 100
260 27.4 21.4 32.2
265 51.3 35.7 53.5

